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Product Datasheet

Human PCSK9 Protein, His Tag, Unconjugated BYT-ORB257745

Article Name	Human PCSK9 Protein, His Tag, Unconjugated
Biozol Catalog Number	BYT-ORB257745
Supplier Catalog Number	orb257745
Alternative Catalog Number	BYT-ORB257745-50,BYT-ORB257745-1
Manufacturer	Biorbyt
Category	Proteine/Peptide
Species Reactivity	Human
Conjugation	Unconjugated
Product Description	Human PCSK9 (D374Y), His Tag is expressed from human 293 cells (HEK293). It contains AA Gln 31 - Gln 692 (Accession Q8NBP7-1 (D374Y))....
Molecular Weight	13.8 kDa and 58.2 kDa
NCBI	374
UniProt	Q8NBP7
Buffer	PBS, pH 7.4
Purity	90%
Form	Powder
Target	PCSK9

Application Notes

Application Notes: This protein carries a polyhistidine tag at the C-terminus. This protein undergoes autocatalytic cleavage to release the pro-peptide and mature chain. The pro-peptide and mature chain are associated through non-covalent interactions and with a calculated MW of 13.8 kDa and 58.2 kDa respectively. The protein migrates as 15 kDa and 55-65 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation. The D374Y mutation results in higher affinity of PCSK9 for LDLR